

FORM PTO-1390  <b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  ATTORNEY'S DOCKET NUMBER  050212-0716
		U.S. APPLIC. NO. <i>80/580346</i> Not Yet Assigned
INTERNATIONAL APPLICATION NO  PCT/JP2004/017077	INTERNATIONAL FILING DATE  November 17, 2004	PRIORITY DATE CLAIMED  November 25, 2003
TITLE OF INVENTION  <b>DIAMOND N-TYPE SEMICONDUCTOR, METHOD OF MANUFACTURING THE SAME, SEMICONDUCTOR DEVICE, AND ELECTRON EMITTING DEVICE</b>		
APPLICANTS FOR DO/EO/US  Akihiko NAMBA, Yoshiki NISHIBAYASHI, Takahiro IMAI		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1.	<input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.	
2.	<input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.	
3.	<input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.	
4.	<input checked="" type="checkbox"/> The US has been elected (Article 31).	
5.	<input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)	
6.	<input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).	
7.	<input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendment has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made.	
8.	<input type="checkbox"/> An English translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).	
9.	<input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).	
10.	<input type="checkbox"/> An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).	
Items 11. to 16. below concern other document(s) or information included:		
11.	<input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.	
12.	<input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.	
13.	<input checked="" type="checkbox"/> A preliminary amendment.	
14.	<input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.	
15.	<input type="checkbox"/> A substitute specification.	
16.	<input type="checkbox"/> A power of attorney and/or change of address letter.	
17.	<input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.	
18.	<input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).	
19.	<input checked="" type="checkbox"/> Other items or information. 1) Front Page of International Publication 2) PCT/IB/304 3) PCT/IB/308 4) International Search Report	

U.S. APPN Not Yet Assigned	64580316 (If new, see 37 CFR 1.50)	INTERNATIONAL APPLICATION NO. PCT/JP2004/017077	ATTORNEY'S DOCKET NUMBER 050212-0716
		CALCULATIONS PTO USE ONLY	
21. <input checked="" type="checkbox"/> The following fees are submitted:			
<input checked="" type="checkbox"/> Basic National Stage Fee		\$300	\$300.00
22. <input checked="" type="checkbox"/> Examination Fee If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)		\$0	\$200.00
All other situations		\$200	
23. <input checked="" type="checkbox"/> Search Fee (37CFR 1.492(b))			
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)		\$0	\$400.00
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority		\$100	
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB		\$400	
All other situations		\$500	
<b>TOTAL OF 21, 22 and 23 =</b>		\$900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.		\$	
Total Sheets	Extra Sheets	Number of each additional 50 or fraction Thereof (round up to a whole number)	RATE
51-100	0/50=	0	X\$250
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total Claims	16-20 =	0	x \$50.00
Independent Claims	1-3 =	0	x \$200.00
Multiple dependent claim(s) (if applicable)		+ \$360.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$1030.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.		\$	
		<b>SUBTOTAL =</b>	
Processing fee of \$130.00 for furnishing the English translation later than the 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		\$1030.00	
		<b>TOTAL NATIONAL FEE =</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		+\$0	
		<b>TOTAL FEES ENCLOSED =</b>	
		Amount to be refunded	\$
		Amount to be charged	\$1030.00
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.			
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>500417</u> in the amount of <u>\$1030.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.			
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>500417</u> . A duplicate copy of this sheet is enclosed.			
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.			
SEND ALL CORRESPONDENCE TO:			
Customer Number 20277			
Telephone: 202.756.8000			
Facsimile: 202.756.8087			
<i>Brian K. Sjodt/ak</i> <i>Brian K. Sjodt</i>		May 25, 2006	
SIGNATURE		DATE	
Arthur J. Steiner			
NAME			
26,106			
REGISTRATION NUMBER			